

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Blaine J. Thurgood

**Serial No.:** 10/685,312

**Filed:** October 14, 2003

**For:** INTERPOSER SUBSTRATES WITH  
MULTISEGMENT INTERCONNECT  
SLOTS, SEMICONDUCTOR DIE  
PACKAGES INCLUDING SAME,  
SEMICONDUCTOR DICE FOR USE  
THEREWITH AND METHODS OF  
FABRICATION

**Confirmation No.:** 5043

**Examiner:** R. Chang

**Group Art Unit:** 3729

**Attorney Docket No.:** 2269-5520.1US  
(02-0676.01/US)

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

2/11/2005  
Date

Signature

Joseph A. Walkowski  
Name (Type/Print)

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of U.S. patents and U.S. patent publications are not being submitted pursuant to M.P.E.P. 609 III A(2). Copies of foreign patent documents and

non-patent literature are enclosed pursuant to 37 C.F.R. § 1.98(a)(2). The listed documents were cited by the Office in co-pending application Serial No. 10/787,351, filed on February 26, 2004, and directed to a related invention.

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

U.S. Patent Documents

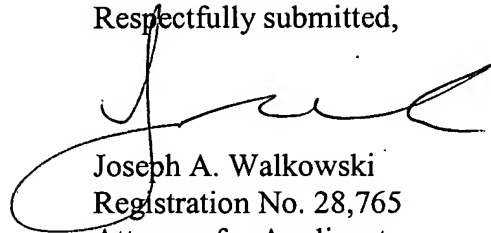
<u>U.S. Patent No.</u>	<u>Publication Date</u>	<u>Patentee</u>
US - 5,514,905	05/1996	Sakuta et al.
US - 5,567,655	10/1996	Rostoker et al.
US - 6,091,140	07/2000	Toh et al.
US - 6,177,723	01/2001	Eng et al.
US - 6,303,948	10/2001	Kudou et al.
US - 6,344,976	02/2002	Schoenfeld et al.
US - 2002/0072148	06/2002	Chen
US - 6,531,785	03/2003	Shimizu et al.
US - 6,740,983	05/2004	Tay et al.

Applicant offers to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

**Serial No. 10/685,312**

This Supplemental Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'J. Walkowski', with a large loop at the end.

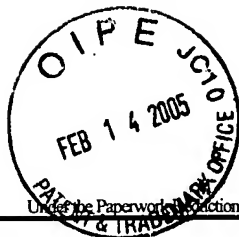
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Date: 2/11/2005

JAW/dlm:ljb

Enclosures: Form PTO-1449 or PTO/SB/08

Document in ProLaw



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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**Complete if Known**

Application Number	10/685,312
Filing Date	October 14, 2003
First Named Inventor	Blaine J. Thurgood
Group Art Unit	3729
Examiner Name	R. Chang
Attorney Docket Number	2269-5520.1US (02-0676.01/US)

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-5,514,905	05/1996	Sakuta et al.	
		US- 5,567,655	10/1996	Rostoker et al.	
		US- 6,091,140	07/2000	Toh et al.	
		US- 6,177,723	01/2001	Eng et al.	
		US- 6,303,948	10/2001	Kudou et al.	
		US- 6,344,976	02/2002	Schoenfeld et al.	
		US- 2002/0072148	06/2002	Chen	
		US- 6,531,785	03/2003	Shimizu et al.	
		US- 6,740,983	05/2004	Tay et al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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